



Drought Information Statement for Southern NM/Far West TX

Valid November 4, 2024

Issued By: NWS El Paso (Santa Teresa, NM)

Contact Information: sr-epz.nws@noaa.gov

- This product will be updated December 7, 2024 or sooner if drought conditions change significantly.
 - Please see all currently available products at <https://drought.gov/drought-information-statements>.
 - Please visit <https://www.weather.gov/EPZ/DroughtInformationStatement> for previous statements.
 - Please visit https://www.drought.gov/drought-status-updates/?dews_region=132 for regional drought status updates.
-
- Severe (D2) to Extreme (D3) drought status affecting southern New Mexico and far west Texas.
 - Hottest October on record and below normal precipitation worsened drought this month.
 - Drought conditions expected to persist and possibly worsen through the winter months. Outlook points to prolonged drought conditions.

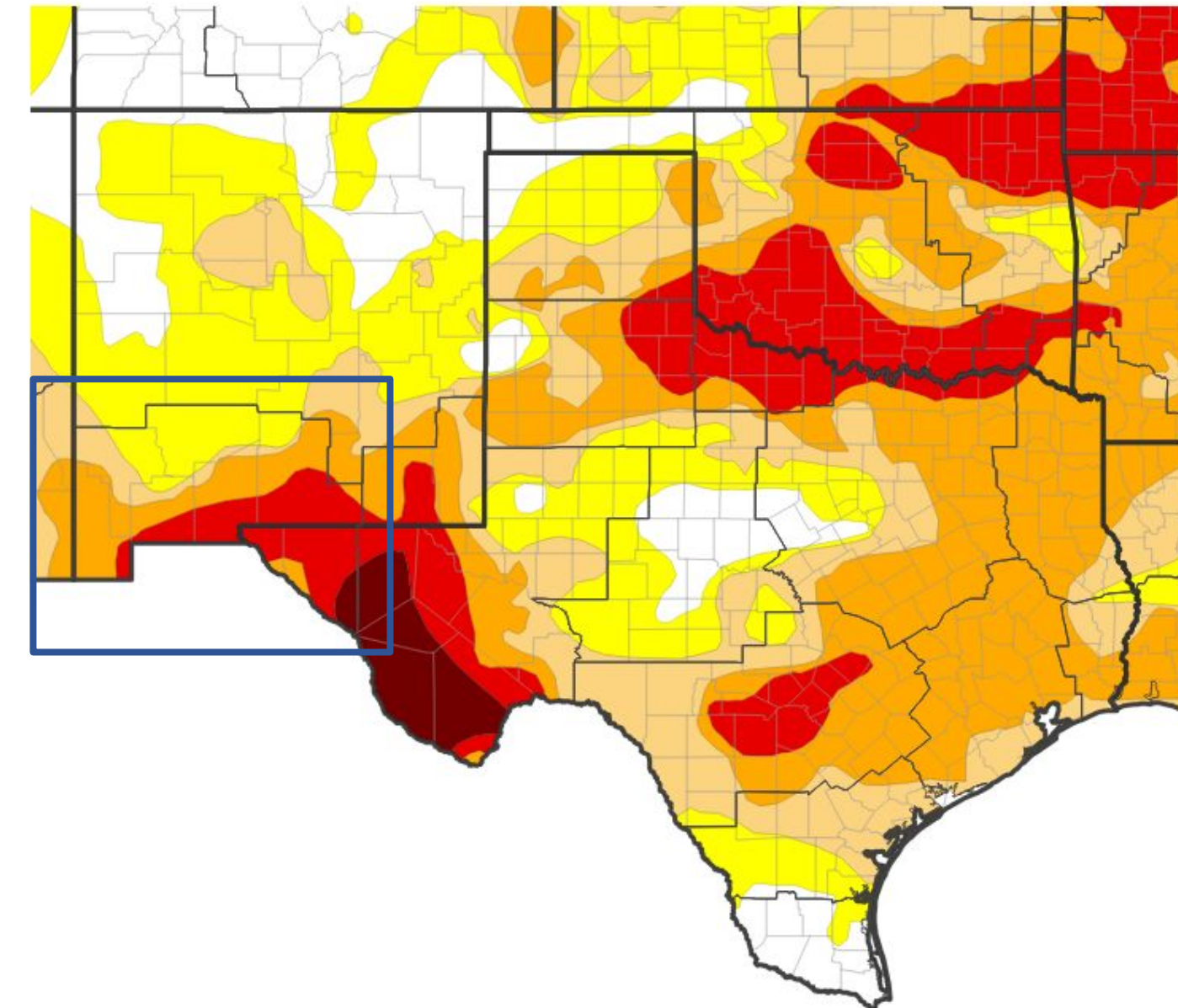


Link to the [latest U.S. Drought Monitor](#) for southern New Mexico and far west Texas

Drought Intensity and Extent

- **D4 (Exceptional Drought)**
Davis Mountains, Big Bend region
- **D3 (Extreme Drought)**
Most of far west Texas including El Paso and Hudspeth Counties. Southern Dona Ana, Otero, and Luna Counties.
- **D2 (Severe Drought)**
Portions of southern New Mexico including Dona Ana, Otero, Luna, and Hidalgo Counties. Lincoln National Forest.
- **D1 (Moderate Drought)**
Gila National Forest (33% of New Mexico)
- **D0 (Abnormally Dry)**
Central New Mexico (79% of New Mexico)
- Exceptionally warm and dry October has worsened drought status for southern New Mexico and almost all of Texas. Drought will persist into the winter months locally.

U.S. Drought Monitor



U.S. Drought Monitor



Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov

Data Valid: 10/29/24





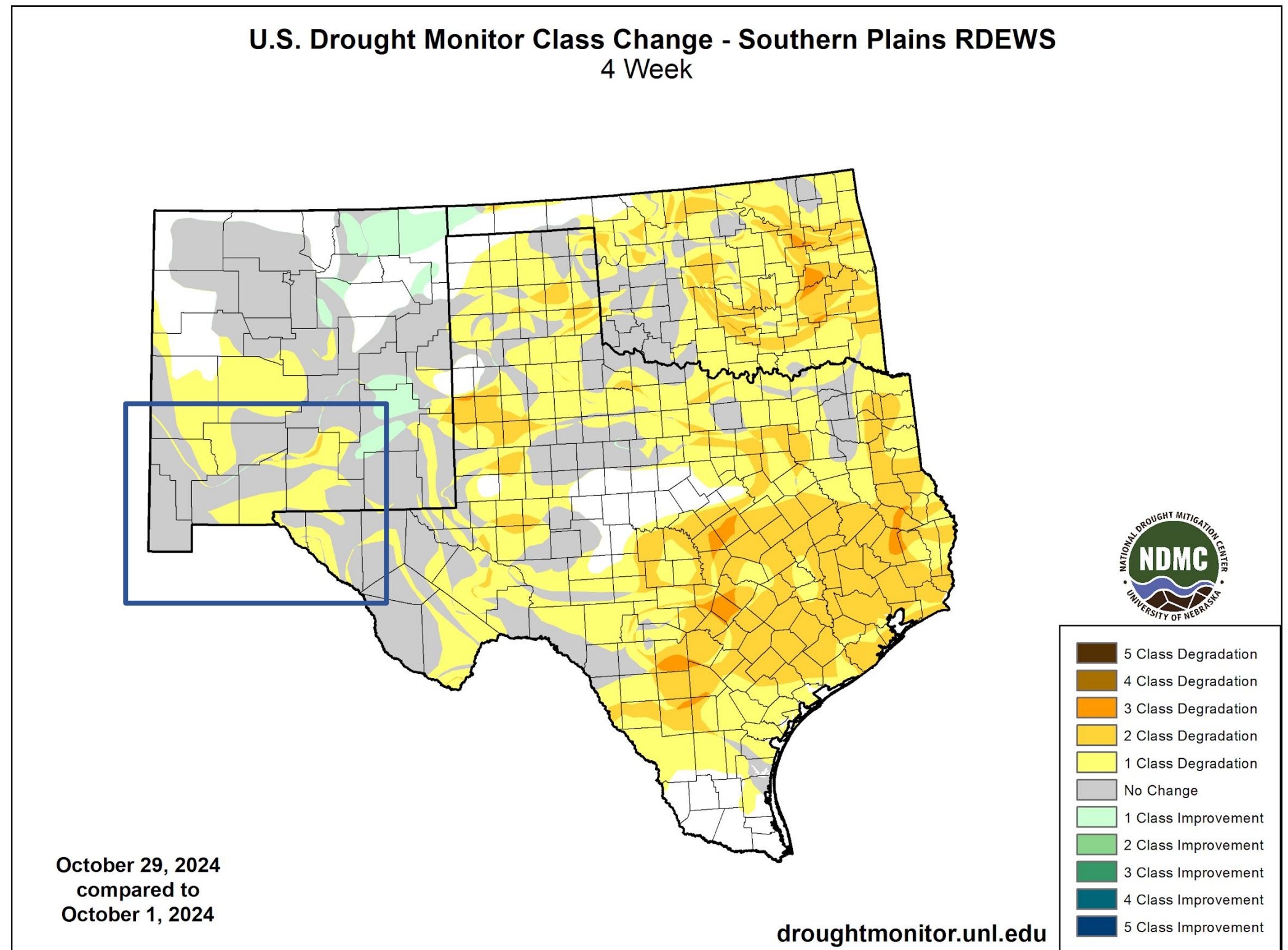
Recent Change in Drought Intensity

November 4, 2024
2:23 AM

Link to the latest [1-month change map](#) for southern New Mexico and far west Texas

4-Week Drought Monitor Class Change.

- **Drought Worsened:**
Southern New Mexico, Lower Rio Grande valley. Lincoln National Forest.
- **Drought Improved:**
No improved was observed
- **No Change:**
Portions of southwest New Mexico





Precipitation

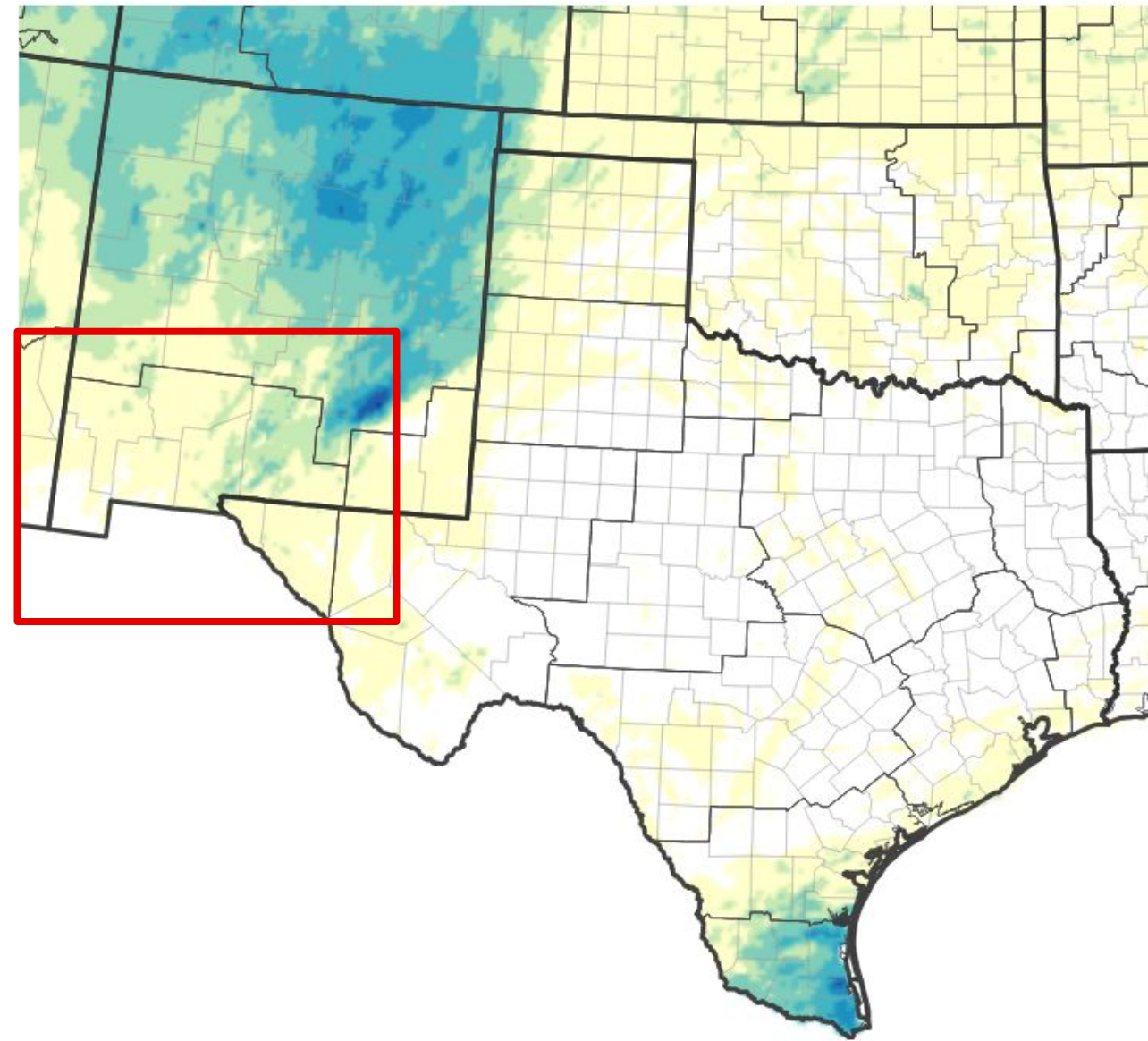
November 4, 2024
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30-day rain totals, 0.10-0.40" along I-10 corridor. 0.25-0.75" over mountain forests.

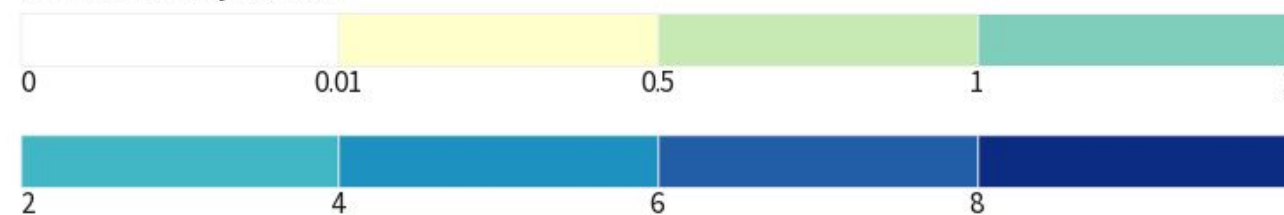
90-day rain totals, 1-2" along I-10 corridor. 3-5" over mountain forests.

Record dryness across Texas, southern New Mexico in October. Most locations finished well below normal.

NWPS 30-Day Precipitation Accumulations (inches)



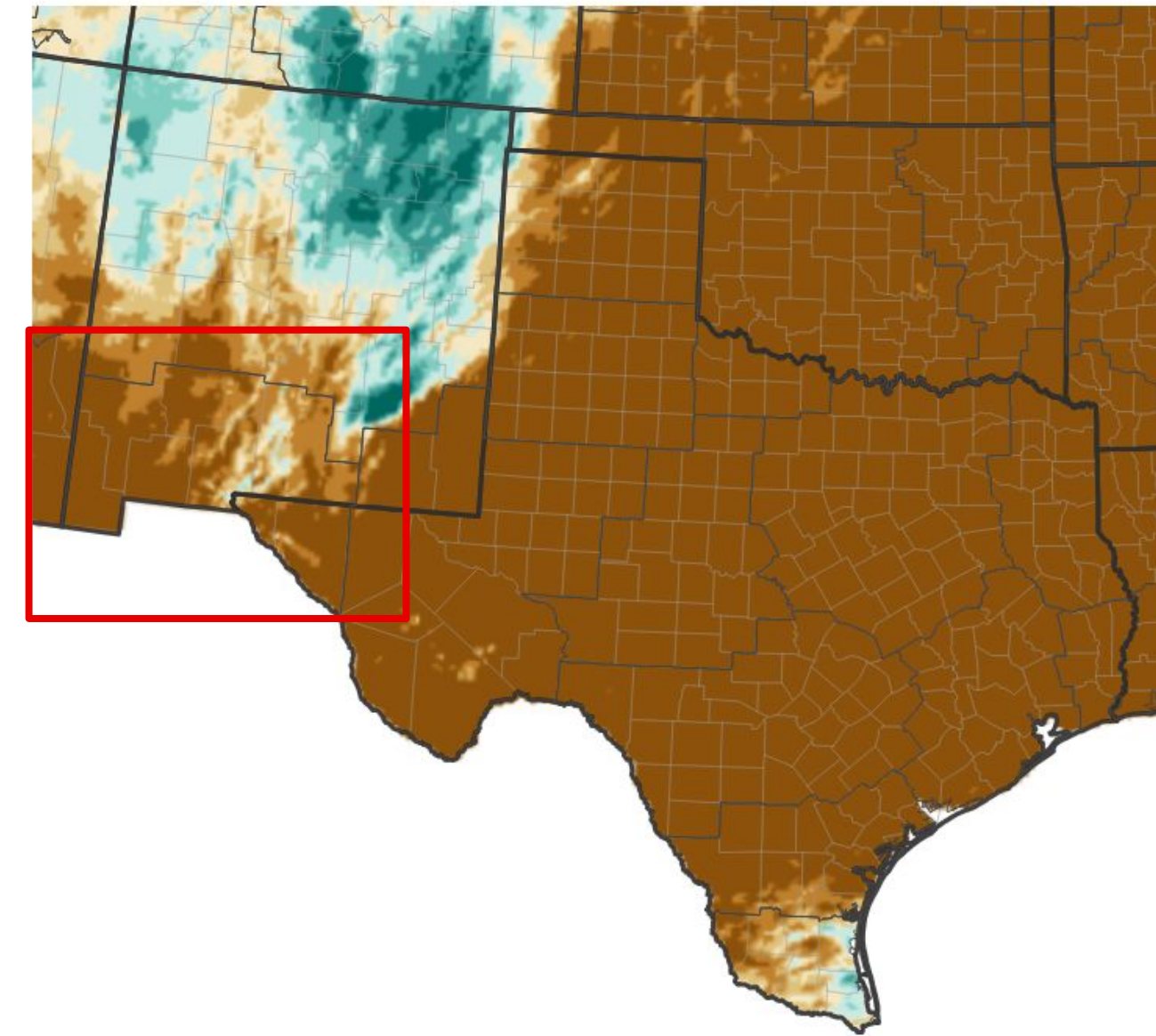
Inches of Precipitation



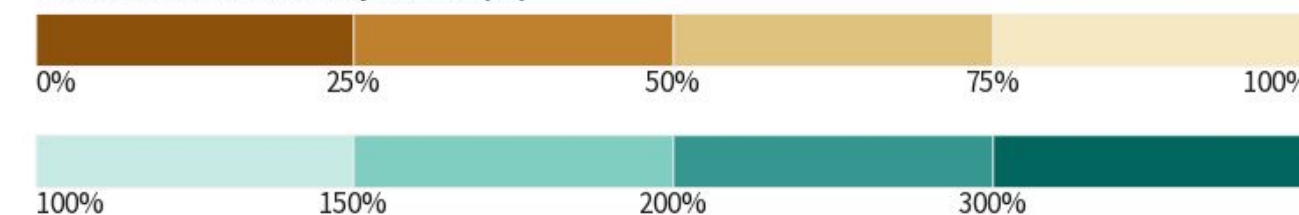
Source(s): National Weather Service National Water Prediction Service; image courtesy of Drought.gov

Data Valid: 10/27/24

30-Day Precipitation: Percent of PRISM Normal



Percent of Normal Precipitation (%)



Source(s): National Weather Service National Water Prediction Service; image courtesy of Drought.gov

Data Valid: 10/27/24



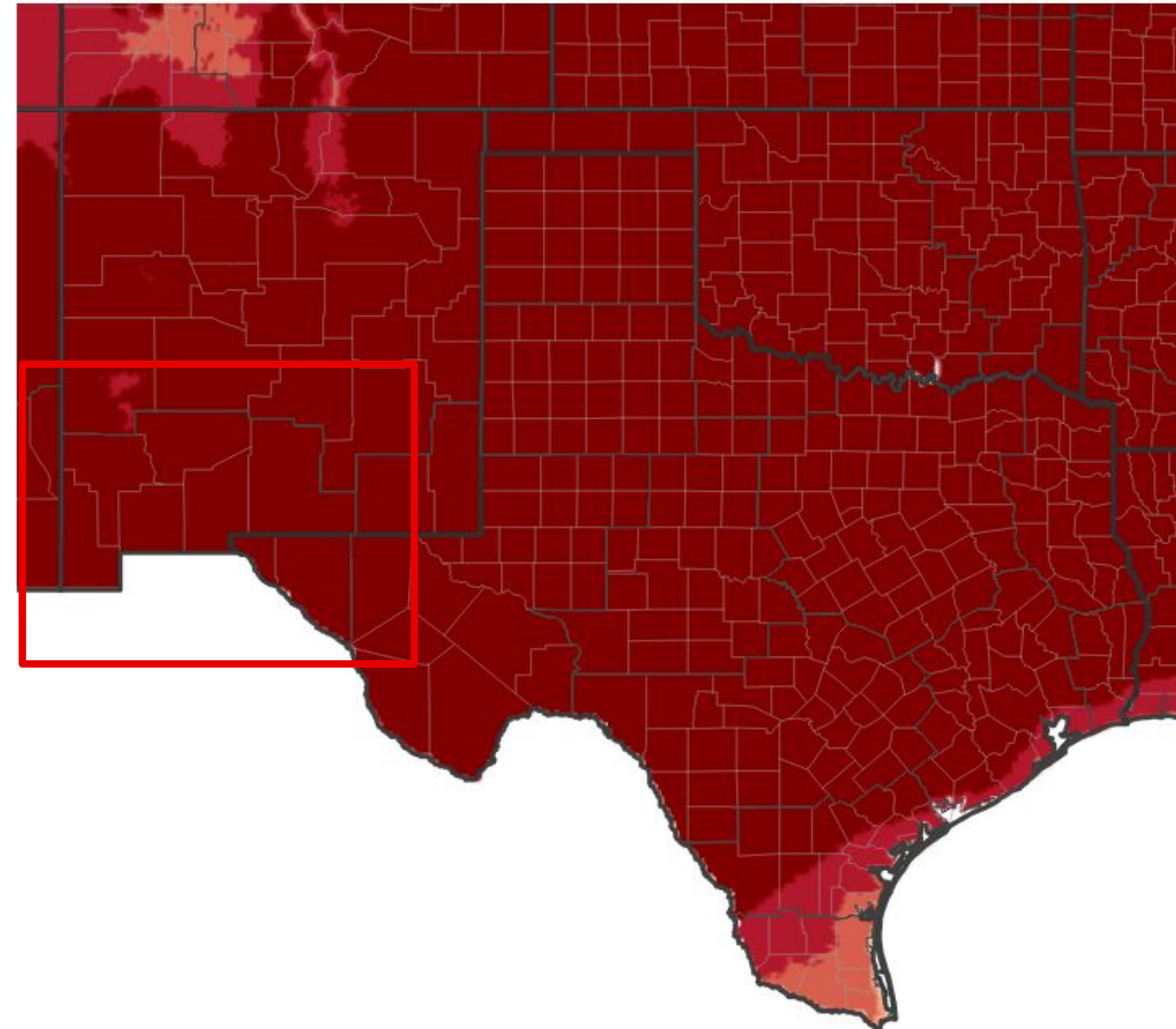


Temperature

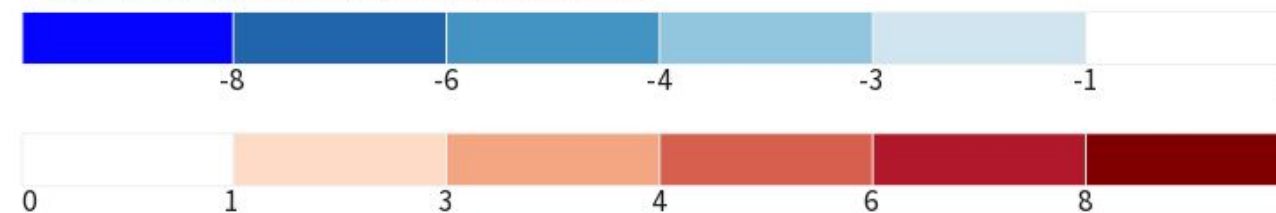
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- Record-setting October heat across all of New Mexico and Texas. 30-day anomalies 6-8 degrees above normal.
- 2024 is still on track to become the hottest year on record for El Paso. October was #1 hottest on record.
- October temperatures 7.2°C above normal at El Paso International (KELP), a new monthly record.

7-Day Temperature Anomaly



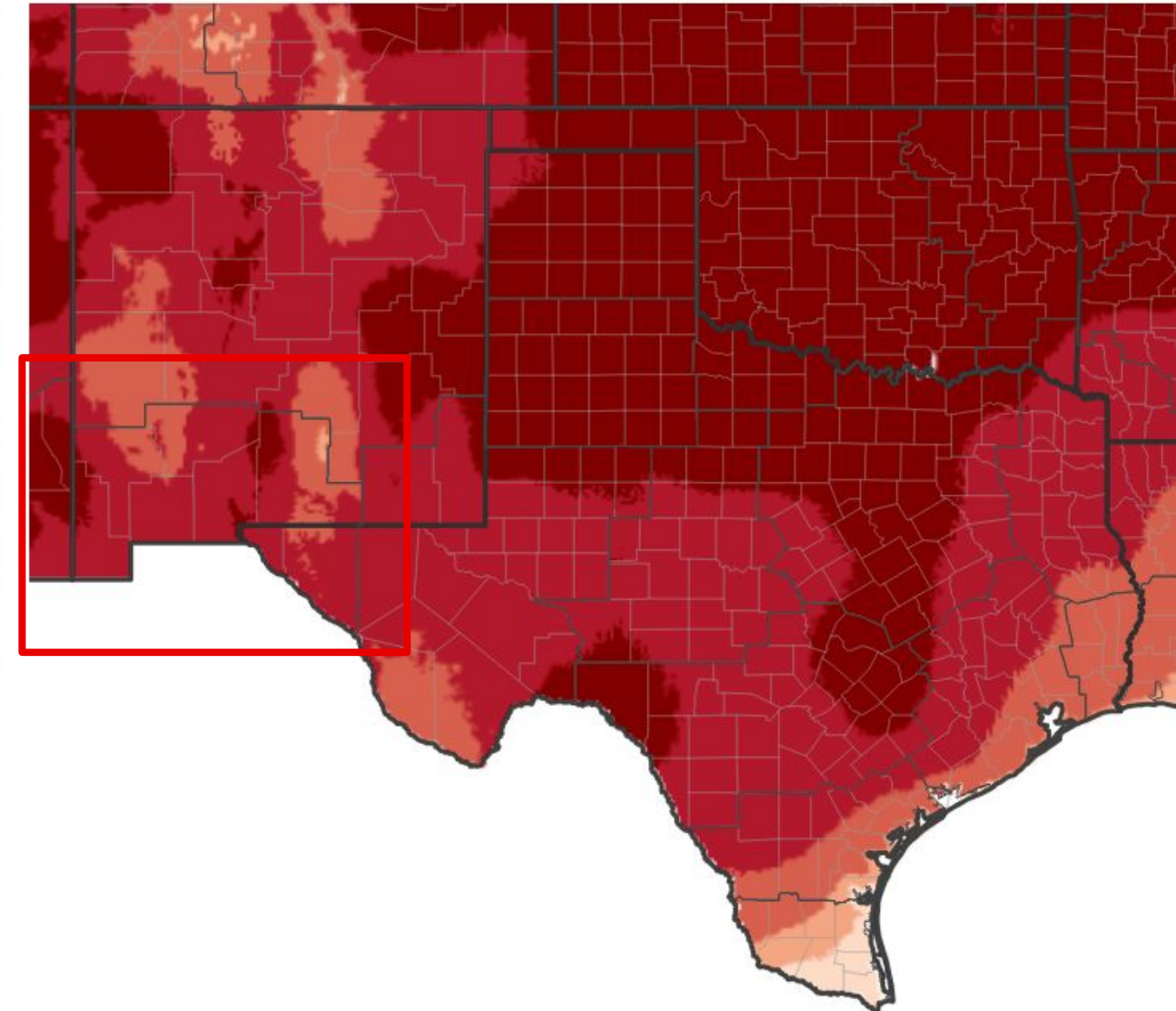
Departure from Normal Max Temperature (°F)



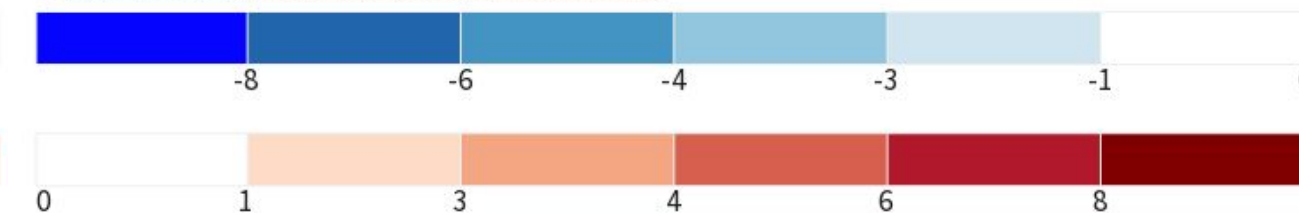
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 10/30/24

30-Day Temperature Anomaly



Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 10/30/24





Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

Hydrologic Impacts

- Streamflows in Gila and Mimbres basins are well below normal with no flooding issues expected the rest of the year. No sudden rises occurred in October. Flow remains higher out of Lincoln National Forest due to recent rains. River levels will continue to drop into the winter season with only temporary rises due to rainfall but long-term river levels should remain consistent into next Spring's melting season. Rio Grande water has mostly dried up south of the Caballo Dam and will likely remain dry through next Spring. Elephant Butte storage sits at 5.9% capacity, steady from last month and well below 30-year median. ([Texas Water Development Board](#)).

Agricultural Impacts

- More seasonal fall weather expected in November, with several lowland freezes possible. The 2024 Rio Grande irrigation season ended on August 16th with a season surface water allotment of 12 inches. Please refer to the Elephant Butte Irrigation District ([EBID](#)) website or your local municipality for more information.

Fire Hazard Impacts

- Recent rains and high elevation snow will decrease fire danger in November, despite below normal soil moisture for this time of year. Large fire risk is low. Four wildfires in New Mexico (South Fork, Indios, Blue 2 and Salt) exceeded 3000 acres in size in 2024.



Hydrologic Conditions and Impacts

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- River flooding season has ended as river stages ran low all summer long and no excessive rainfall is expected through the rest of the year

Gila River Stages

	Latest	Flood Stage
Gila	1.08 ft	11.00 ft
Redrock	3.86 ft	20.00 ft
Virden	4.39 ft	15.00 ft

Rio Grande Stages

	Latest	Flood Stage
El Paso	Low Stage	8.50 ft

Gauge stage recorded on 11/4/2024

Saturday, November 02, 2024

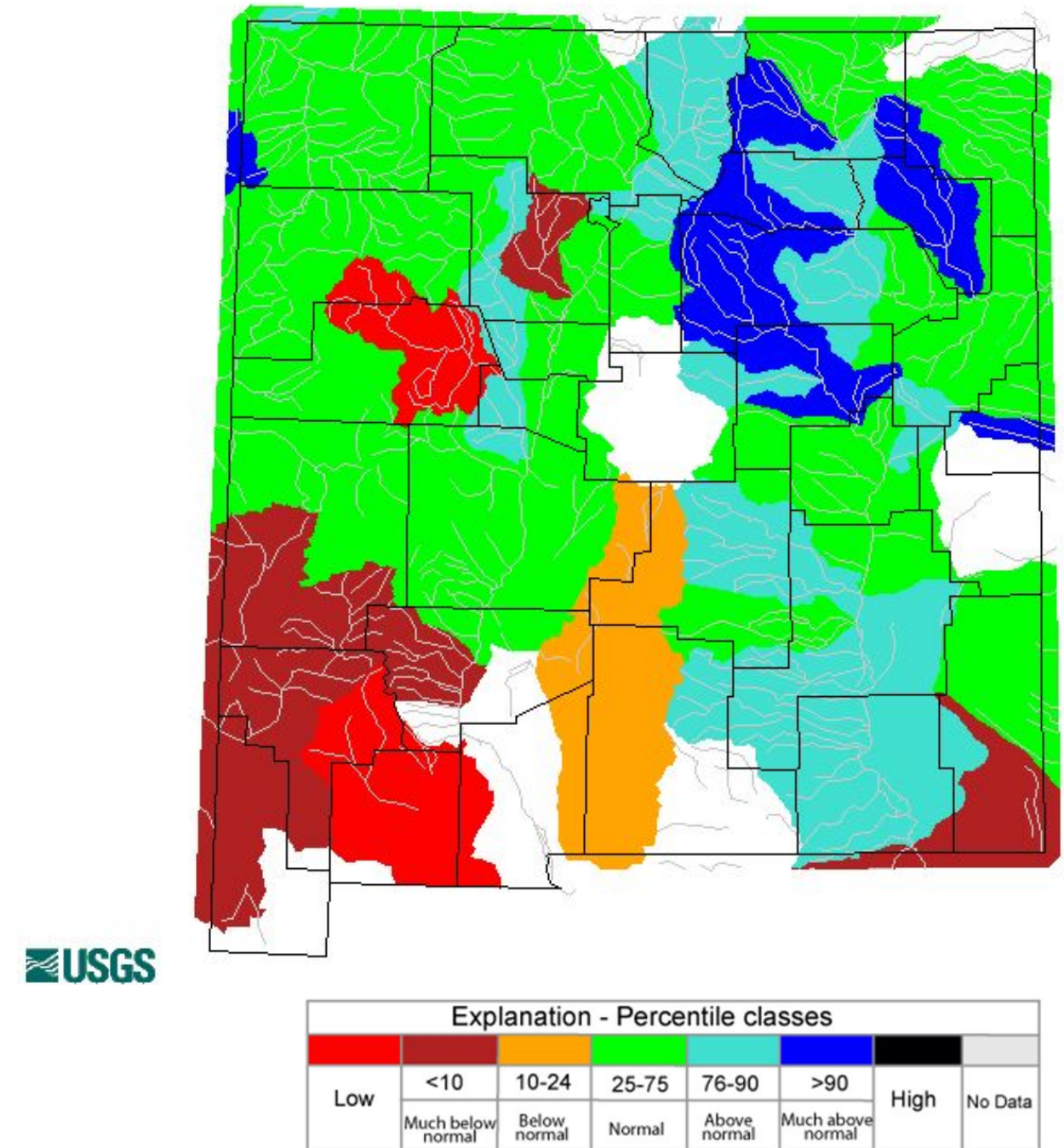


Image Caption: USGS 7 day average streamflow HUC map valid November 2, 2024

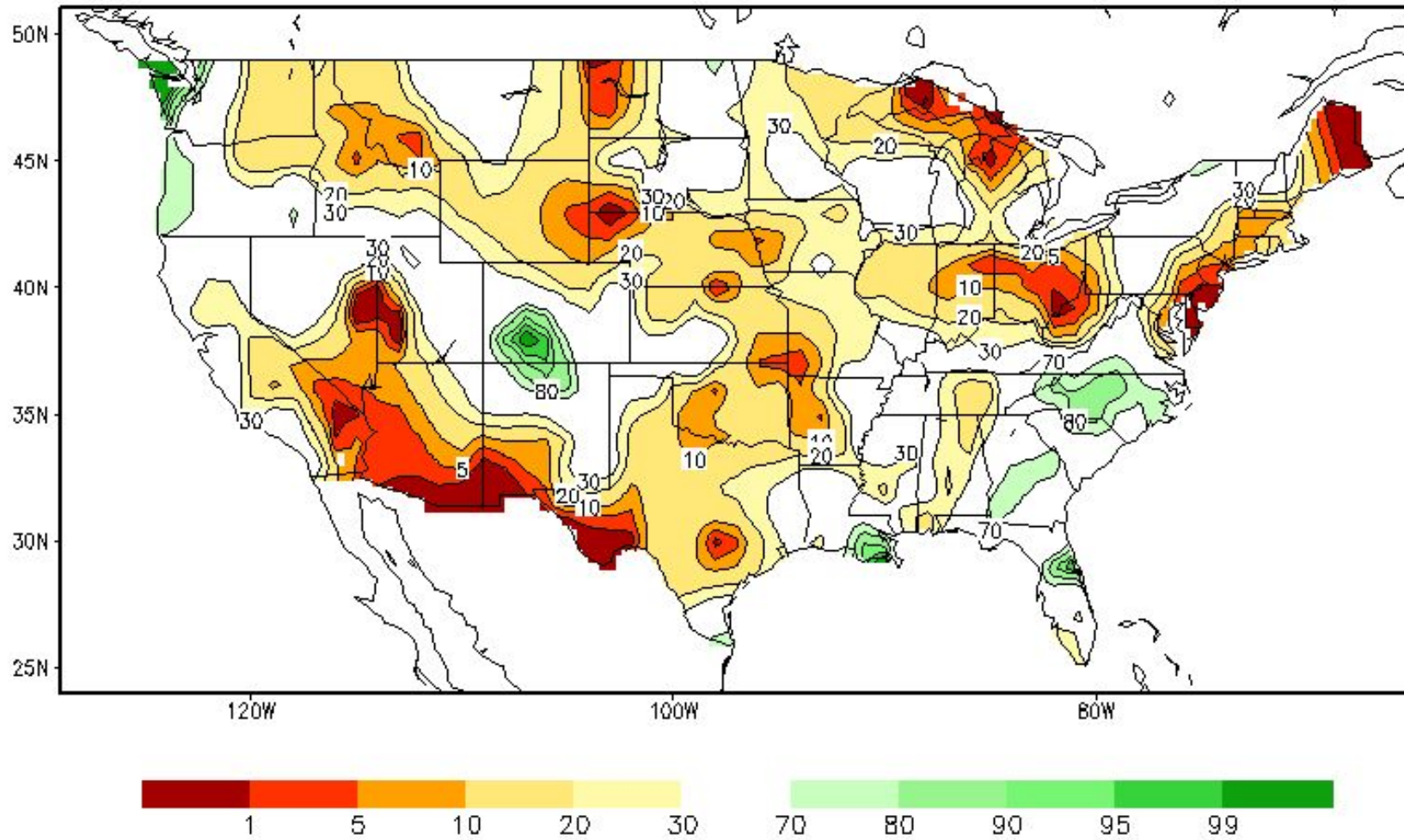




Agricultural Impacts

November 4, 2024
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Calculated Soil Moisture Ranking Percentile
NOV 02, 2024



Crop Moisture Index by Division
Weekly Value for Period Ending OCT 26, 2024
Short Term Need vs. Available Water in a Shallow Soil Profile

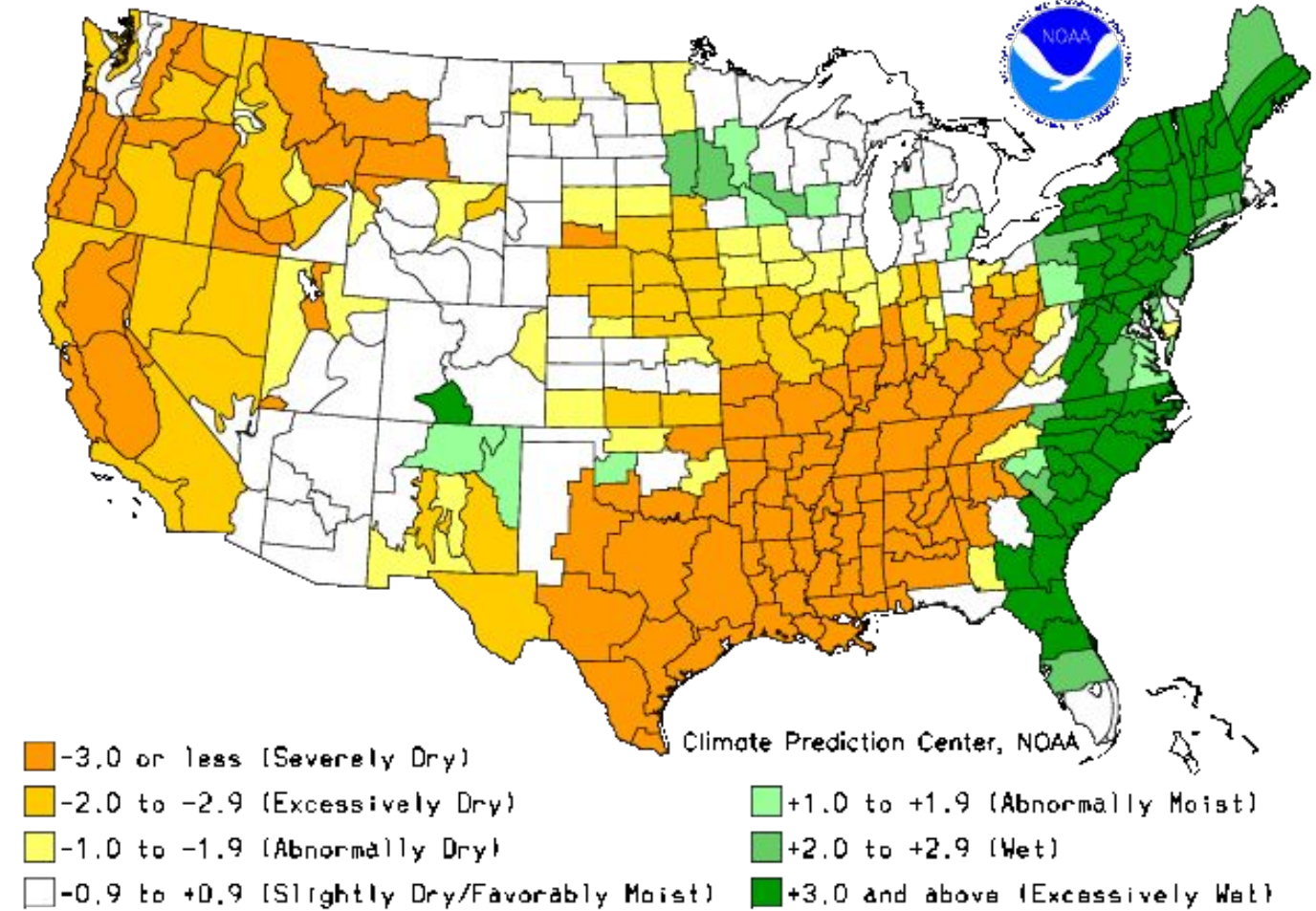


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid November 2, 2024

Right: [Crop Moisture Index by Division](#). Weekly value for period ending October 25, 2024





Fire Hazard Impacts

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2:23 AM

Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center](#).

Latest TX Burn Ban map available [here](#)

Latest NM Fire Restrictions available [here](#)

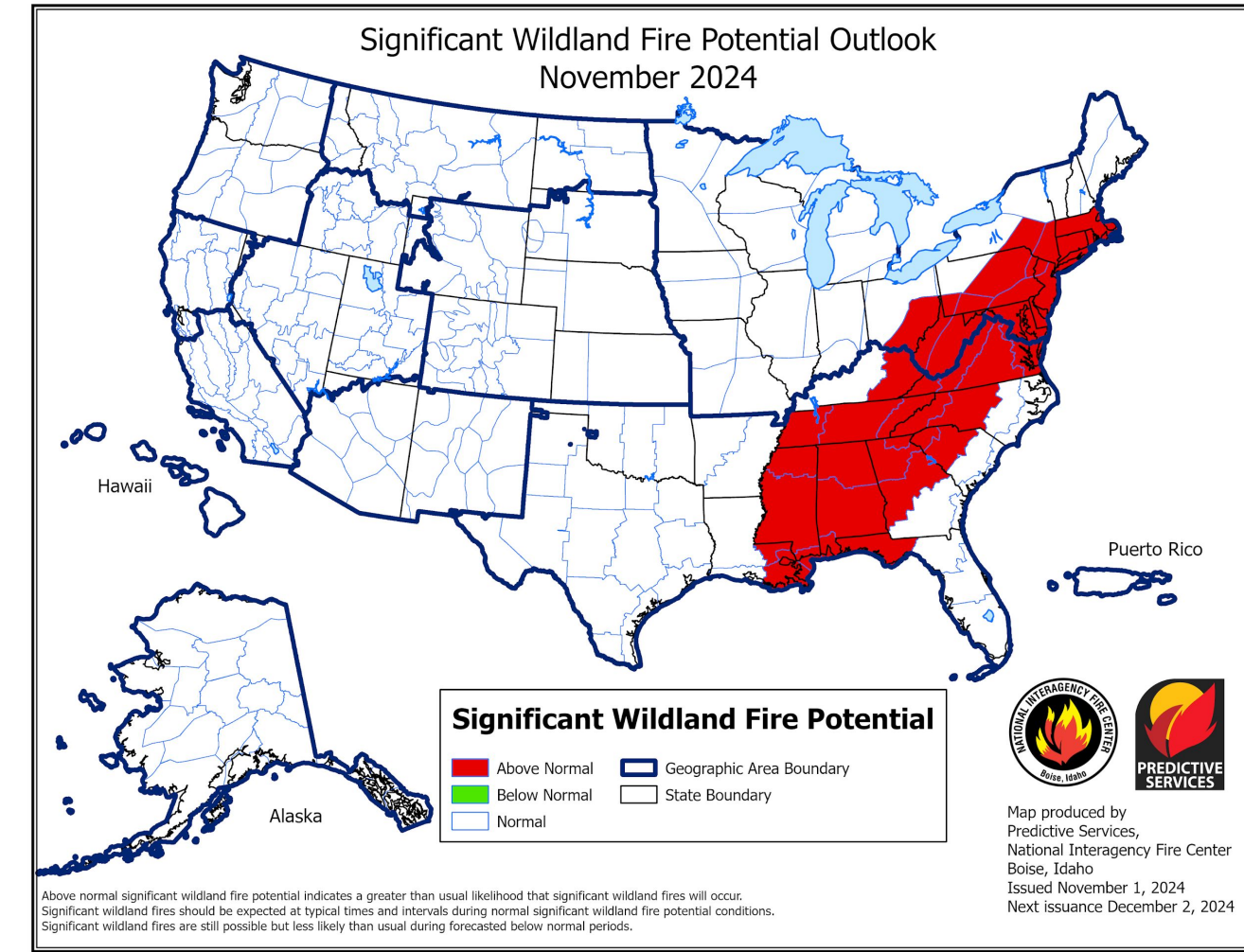
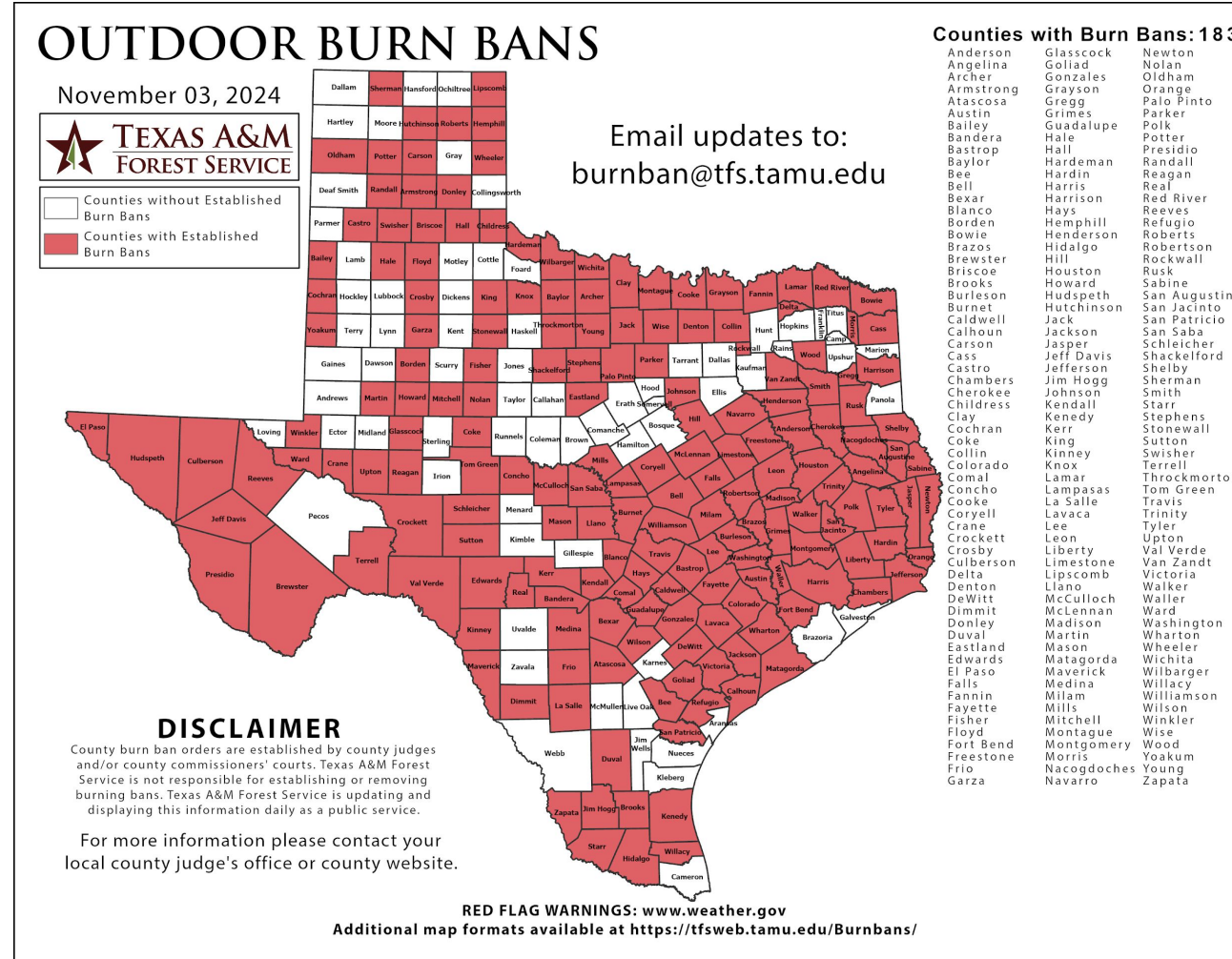


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for November 2024



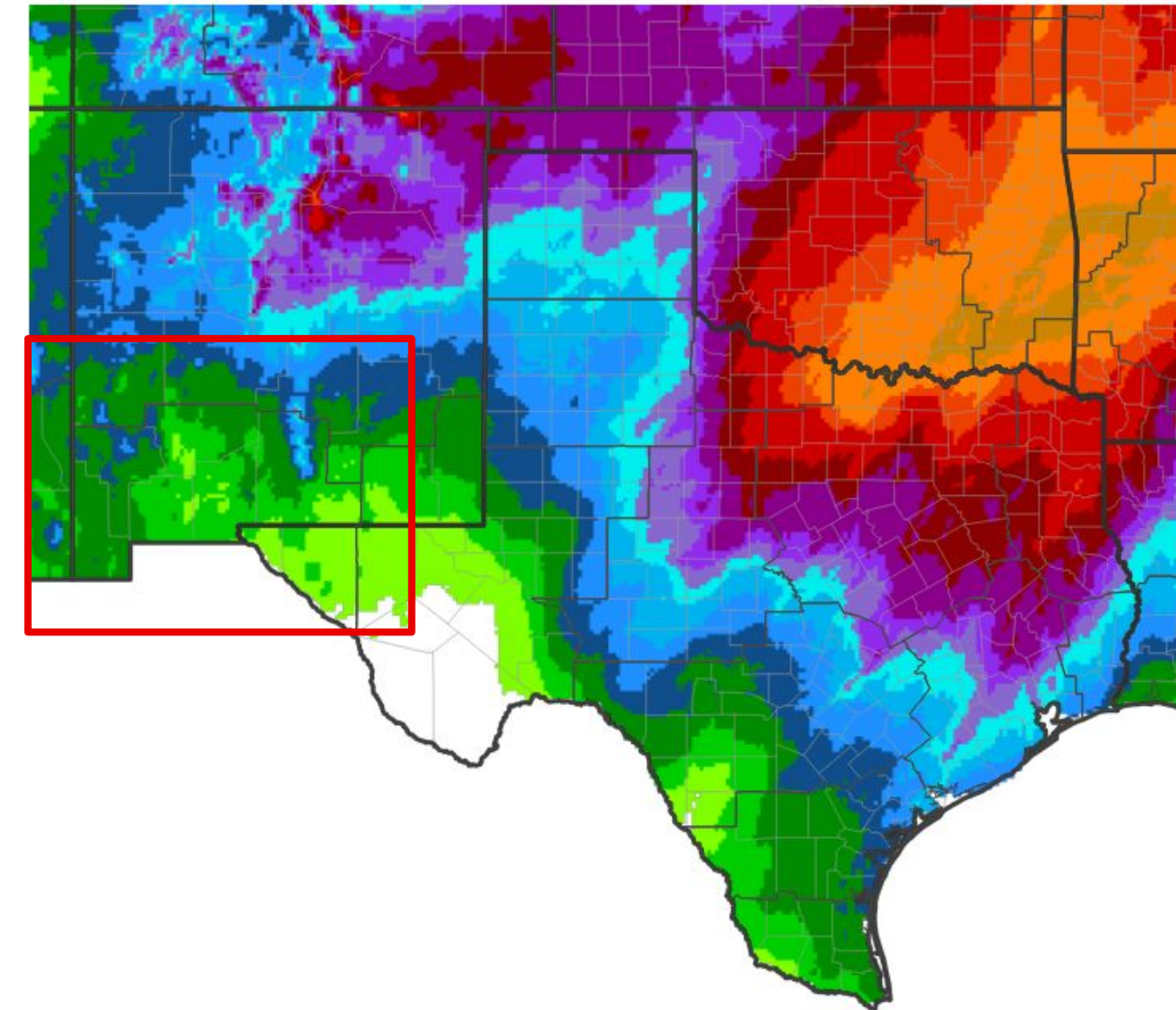


Seven Day Precipitation Forecast

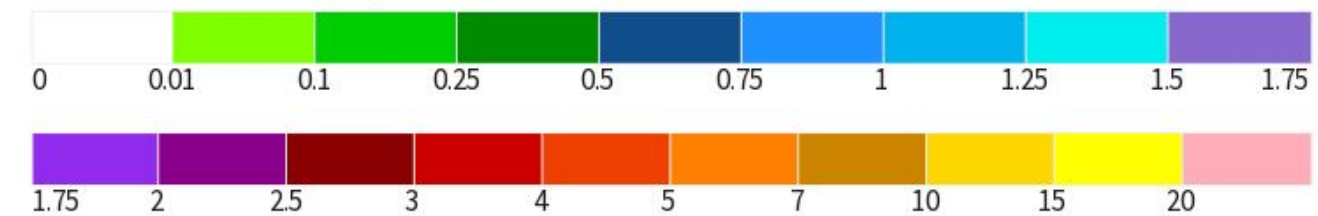
November 4, 2024
2:23 AM

- A series of Pacific lows have finally brought cooler autumn temperatures to the region. Lowland rain and mountain snow showers are expected through early November. This month is likely to be closer to normal for precipitation than October.
- 2024 is likely to finish below normal for precipitation area wide. Drought conditions are likely to linger through the rest of the year.

7-Day Quantitative Precipitation Forecast for November 3, 2024–November 10, 2024



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 11/03/24



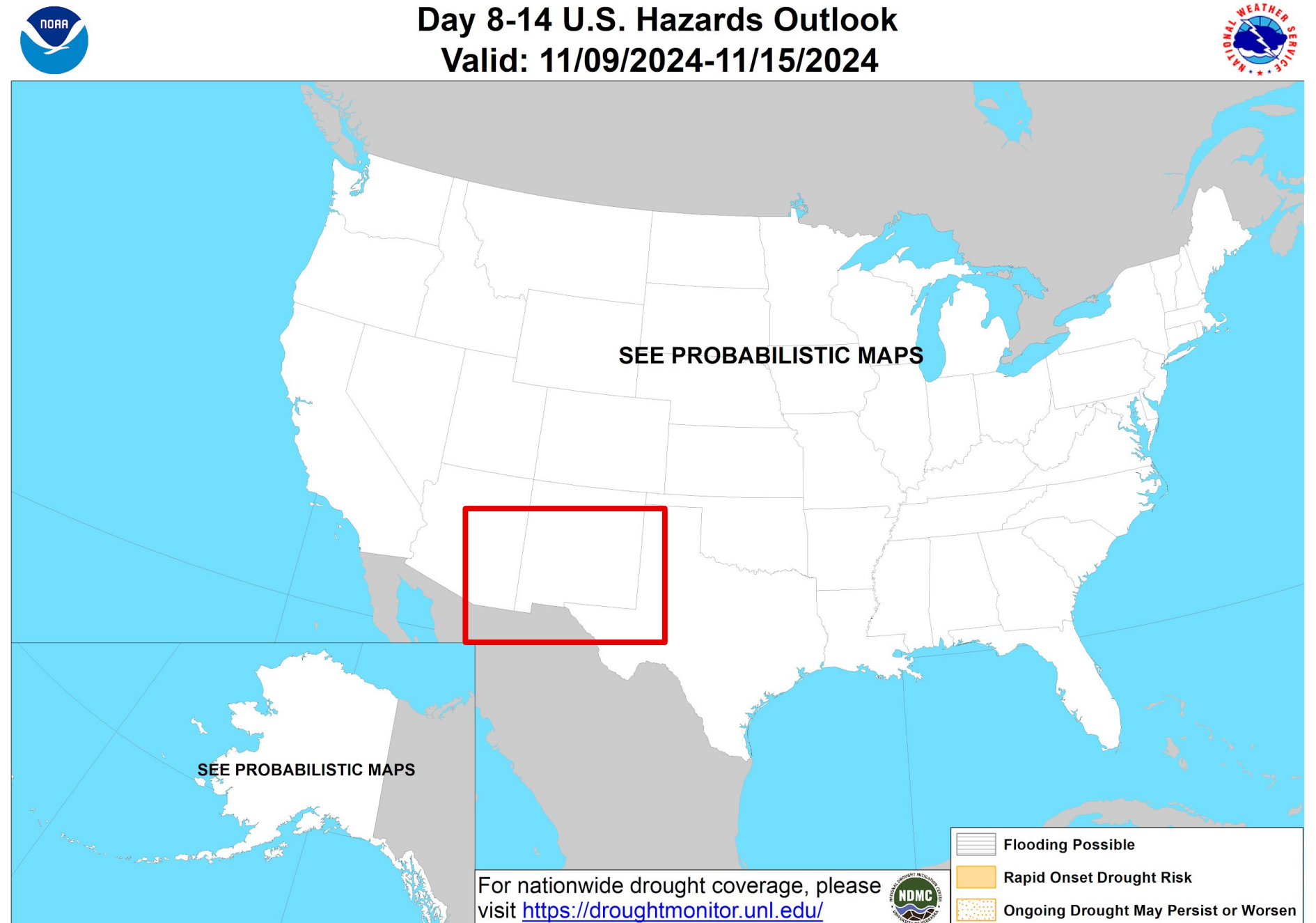


Rapid Onset Drought Outlook

November 4, 2024
2:23 AM

Links to the latest Climate Prediction Center 8 to 14 day [Temperature Outlook](#) and [Precipitation Outlook](#).

- Drought status worsened for many areas this past month. While below normal precipitation totals are still expected through the winter season, rapid onset drought is not expected. Drought conditions are expected to persist through the winter season.



Climate Prediction Center
Made: 11/01/2024 3PM EDT

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Image Caption:
[Days 8 to 14 U.S. Hazards Outlook](#) Valid November 9 to 15



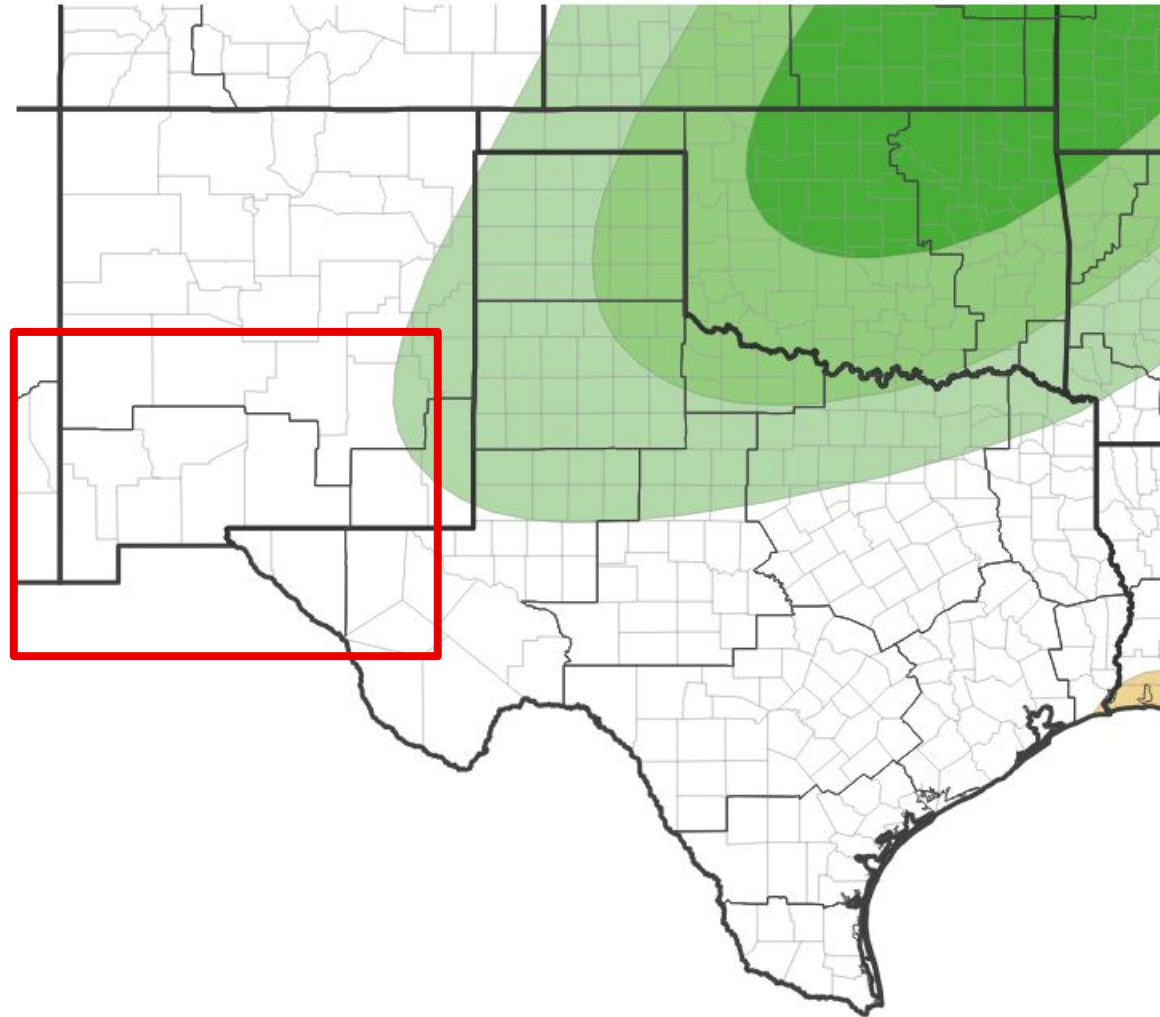
Long-Range Outlooks

November 4, 2024
2:23 AM

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Equal chances for precipitation across New Mexico, west Texas. Likely closer to normal.
- Monthly average for El Paso: 0.43"
- 33-40% chance for above normal temperatures across west Texas, southeast New Mexico
- NOAA Winter Outlook can be viewed [here](#)

Monthly Precipitation Outlook for November 1, 2024–November 30, 2024



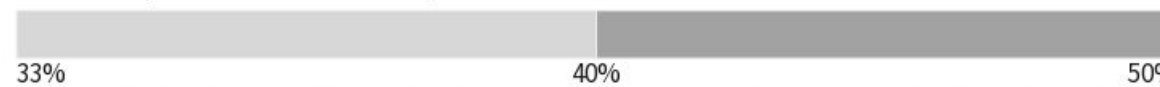
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation

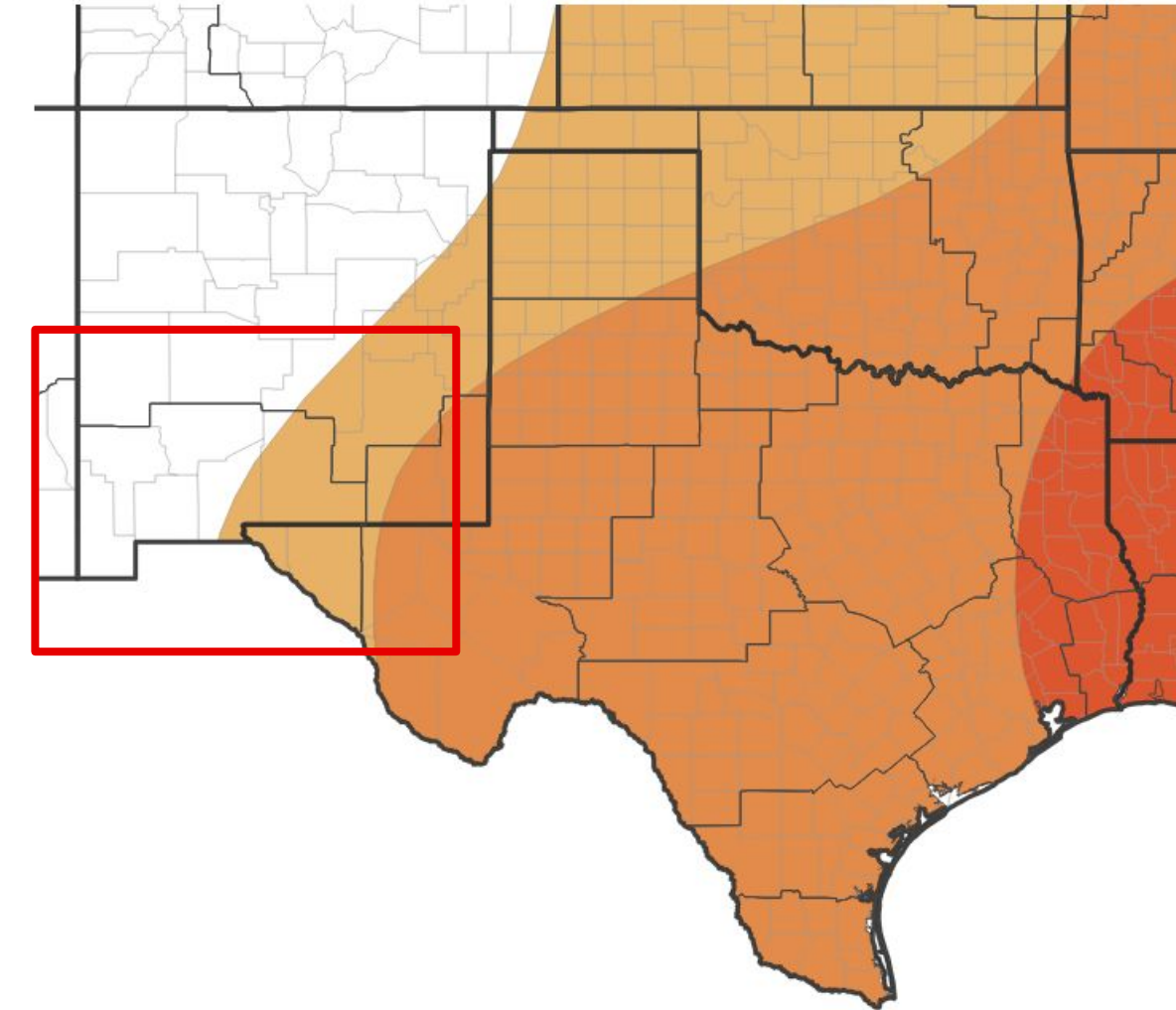


Probability of Near-Normal Precipitation



Source(s): Climate Prediction Center image courtesy of Drought.gov Last Updated: 10/31/24

Monthly Temperature Outlook for November 1, 2024–November 30, 2024



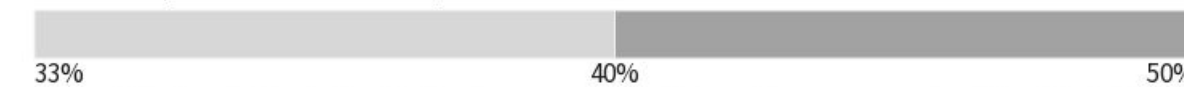
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Probability of Near-Normal Temperatures



Source(s): Climate Prediction Center image courtesy of Drought.gov Last Updated: 10/31/24





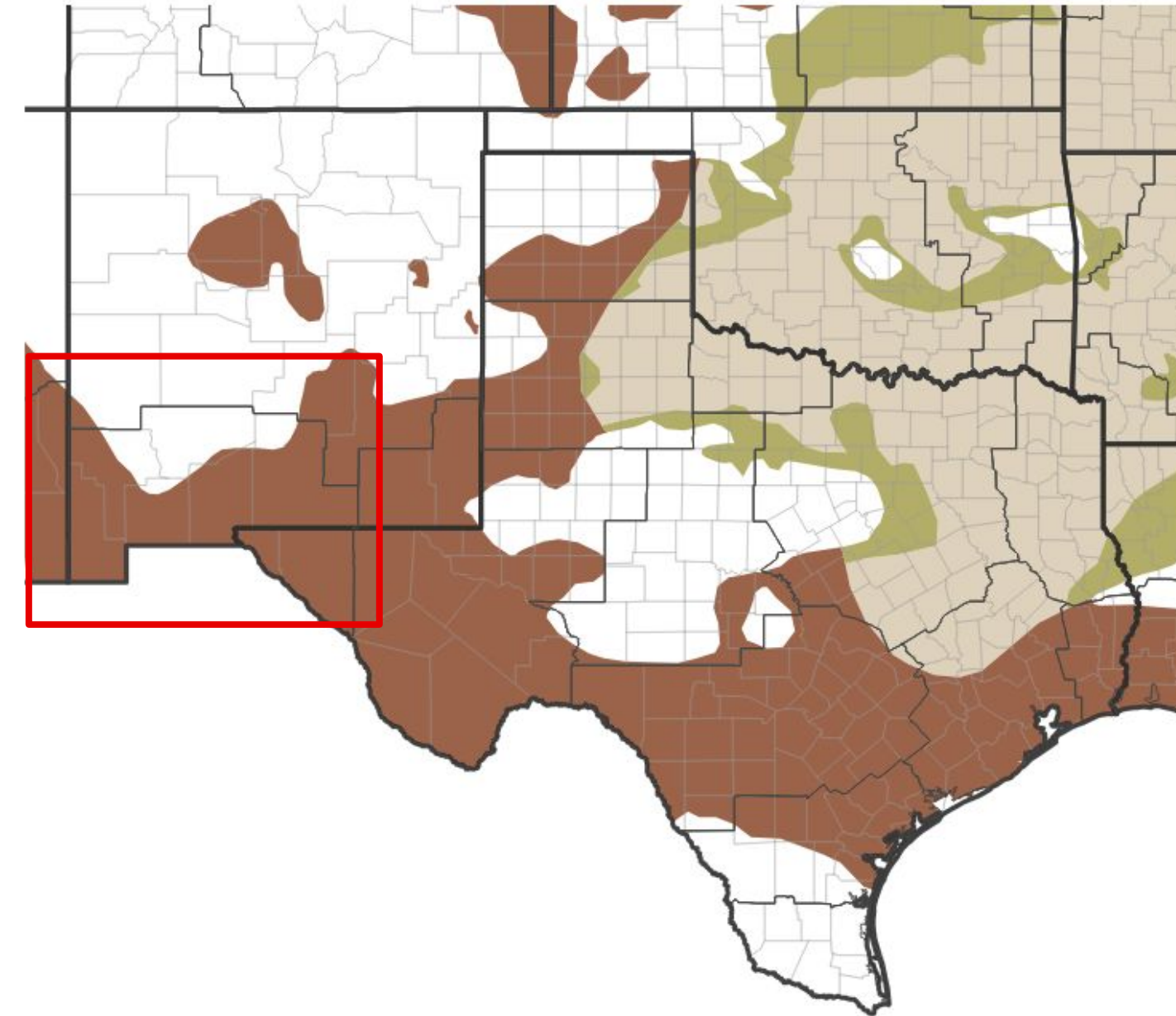
Drought Outlook

November 4, 2024
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The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Drought conditions are expected to persist through November, likely few changes this month

1-Month Drought Outlook for November 1, 2024–November 30, 2024



Drought Is Predicted To...



Source(s): Climate Prediction Center; image courtesy of Drought.gov. Last Updated: 10/31/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

